This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-5 (Cancelled)

Claim 6. (Currently Amended) A process for the production of an aqueous two-component polyurethane coating emulsion comprising pumping a mixture of at least one polyisocyanate and an aqueous binder dispersion under a pressure of 1 to 30 MPa into a dispenser, said dispenser comprising:

a) a ceramic sleeve having ~~openings~~ bores or slots in the wall thereof, with said ~~openings~~ bores or slots communicating with one end of a pipe, said pipe having an open end remote from said end communicating with said ~~openings~~ bores or slots,

a1) said ceramic sleeve having an open end,

a2) said ceramic sleeve further having a moveable ceramic piston located opposite said open end,

a2i) with the movement of said moveable ceramic piston being such that flow through said ~~openings~~ bores or slots can be unrestricted, partially restricted or completely closed, and

a2ii) with said movement being caused either via a pneumatic drive or an electric step motor,

and wherein said mixture is pumped into the open end of said ceramic sleeve, through said ~~openings~~ bores or slots, and through said pipe.

Claim 7. (Currently Amended) The process of Claim 6, wherein said ~~openings~~ bores or slots are in the form of nozzle bores or ~~holes~~ slots.

Claim 8. (Currently Amended) A process for the production of an aqueous two-component polyurethane coating emulsion comprising pumping a mixture of at least one polyisocyanate and an aqueous binder dispersion under a pressure of 1 to 30 MPa into a dispenser, said dispenser comprising:

b) a ceramic sleeve having ~~openings~~ bores or slots in the wall thereof, with said ~~openings~~ bores or slots communicating with one end of a pipe, said pipe having an open end remote from said end communicating with said ~~openings~~ bores or slots,

a1) said ceramic sleeve having an open end,

a2) said ceramic sleeve further having a moveable ceramic piston located opposite said open end,

a2i) with the movement of said moveable ceramic piston being such that flow through said ~~openings~~ bores or slots can be unrestricted, partially restricted or completely closed, and

a2ii) with said movement being caused either via a pneumatic drive or an electric step motor,

and wherein said mixture is pumped into said pipe, through said ~~openings~~ bores or slots and through said ceramic sleeve.

Claim 9. (Currently Amended) The process of Claim 8, wherein said ~~openings~~ bores or slots are in the form of nozzle bores or ~~holes~~ slots.